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PASSWORD:

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* * * * * * * * * *
                     Welcome to STN International
                 Web Page for STN Seminar Schedule - N. America
NEWS
NEWS
     2 OCT 02
                 CA/CAplus enhanced with pre-1907 records from Chemisches
                 Zentralblatt
NEWS 3 OCT 19
                 BEILSTEIN updated with new compounds
NEWS 4 NOV 15
                 Derwent Indian patent publication number format enhanced
NEWS 5
         NOV 19
                 WPIX enhanced with XML display format
NEWS 6
         NOV 30 ICSD reloaded with enhancements
NEWS 7 DEC 04 LINPADOCDB now available on STN NEWS 8 DEC 14 BEILSTEIN pricing structure to change
NEWS 9 DEC 17 USPATOLD added to additional database clusters
NEWS 10 DEC 17 IMSDRUGCONF removed from database clusters and STN
NEWS 11 DEC 17 DGENE now includes more than 10 million sequences
NEWS 12 DEC 17 TOXCENTER enhanced with 2008 MeSH vocabulary in
                 MEDLINE segment
NEWS 13 DEC 17 MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary
NEWS 14 DEC 17 CA/CAplus enhanced with new custom IPC display formats
NEWS 15 DEC 17
                 STN Viewer enhanced with full-text patent content
                 from USPATOLD
NEWS 16 JAN 02
                 STN pricing information for 2008 now available
NEWS 17 JAN 16
                 CAS patent coverage enhanced to include exemplified
                 prophetic substances
NEWS 18 JAN 28 USPATFULL, USPAT2, and USPATOLD enhanced with new
                 custom IPC display formats
NEWS 19 JAN 28 MARPAT searching enhanced
NEWS 20 JAN 28 USGENE now provides USPTO sequence data within 3 days
                 of publication
NEWS 21 JAN 28 TOXCENTER enhanced with reloaded MEDLINE segment
NEWS 22 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements
NEWS 23 FEB 08 STN Express, Version 8.3, now available
NEWS 24 FEB 20 PCI now available as a replacement to DPCI
NEWS 25 FEB 25 IFIREF reloaded with enhancements
NEWS 26 FEB 25
                 IMSPRODUCT reloaded with enhancements
NEWS 27 FEB 29
                 WPINDEX/WPIDS/WPIX enhanced with ECLA and current
                 U.S. National Patent Classification
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NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

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NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

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FILE 'HOME' ENTERED AT 15:45:43 ON 26 MAR 2008

=> file medline, agricola, caba, caplus, biosis, biotechno
COST IN U.S. DOLLARS
SINCE FILE
ENTRY
SESSION
FULL ESTIMATED COST
0.21
0.21

FILE 'MEDLINE' ENTERED AT 15:46:09 ON 26 MAR 2008

FILE 'AGRICOLA' ENTERED AT 15:46:09 ON 26 MAR 2008

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FILE 'BIOTECHNO' ENTERED AT 15:46:09 ON 26 MAR 2008 COPYRIGHT (C) 2008 Elsevier Science B.V., Amsterdam. All rights reserved.

=> s (ferreira, p? or ferreira p?)/au L1 2017 (FERREIRA, P? OR FERREIRA P?)/AU

=> s (hemerly, a? or hemerly a?)/au L2 132 (HEMERLY, A? OR HEMERLY A?)/AU

 \Rightarrow s 11 and 12

L3 106 L1 AND L2

=> s 11 or 12

L4 2043 L1 OR L2

=> s 14 not 13

L5 1937 L4 NOT L3

=> s cdc27 or cdc27a

L6 451 CDC27 OR CDC27A

=> s 13 and 16

L7 3 L3 AND L6

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KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

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L8 2 DUPLICATE REMOVE L7 (1 DUPLICATE REMOVED)

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- TI The Arabidopsis anaphase promoting complex (APC): regulation through subunit availability in plant tissues.
- L8 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
- TI Arabidopsis thaliana CDC27 and CDC7 protein homologs, their sequences, recombinant production and use in modulating DNA replication in transgenic plants
- => d 18 1-2 bib
- L8 ANSWER 1 OF 2 MEDLINE on STN DUPLICATE 1
- AN 2006602533 MEDLINE
- DN PubMed ID: 16940752
- TI The Arabidopsis anaphase promoting complex (APC): regulation through subunit availability in plant tissues.
- AU Eloy Nubia Barbosa; Coppens Frederik; Beemster Gerrit T S; Hemerly Adriana Silva; Ferreira Paulo Cavalcanti Gomes
- CS Instituto de Bioquimica Medica, CCS, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil.
- SO Cell cycle (Georgetown, Tex.), (2006 Sep) Vol. 5, No. 17, pp. 1957-65. Electronic Publication: 2006-09-01. Journal code: 101137841. E-ISSN: 1551-4005.
- CY United States
- DT Journal; Article; (JOURNAL ARTICLE) (RESEARCH SUPPORT, NON-U.S. GOV'T)
- LA English
- FS Priority Journals
- EM 200612
- ED Entered STN: 13 Oct 2006
 Last Updated on STN: 19 Dec 2006
 Entered Medline: 4 Dec 2006
- L8 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2008 ACS on STN
- AN 2001:31531 CAPLUS
- DN 134:96271
- TI Arabidopsis thaliana CDC27 and CDC7 protein homologs, their sequences, recombinant production and use in modulating DNA replication in transgenic plants
- IN Hemerly, Adriana Silva; Ferreira, Paulo Cavalcanti Gomes
 ; Rombauts, Stephane
- PA Cropdesign N.V., Belg.; Universidade Federal do Rio de Janeiro
- SO PCT Int. Appl., 86 pp.
 - CODEN: PIXXD2
- DT Patent
- LA English
- FAN.CNT 1

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L2
L3
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          2043 S L1 OR L2
L4
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L7
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L10 ANSWER 1 OF 3 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
     The Arabidopsis anaphase promoting complex (APC) - Regulation through
     subunit availability in plant tissues.
L10 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
    Protein and cDNA sequences of a novel Arabidopsis thaliana protein
ТΤ
     CDC27 and use for inducing changes in plant development
L10 ANSWER 3 OF 3
                     MEDLINE on STN
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     The Arabidopsis HOBBIT gene encodes a CDC27 homolog that links
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     the plant cell cycle to progression of cell differentiation.
=> d 110 1-3 bib
L10 ANSWER 1 OF 3 BIOSIS COPYRIGHT (c) 2008 The Thomson Corporation on STN
     2006:580145 BIOSIS
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ΤI
     The Arabidopsis anaphase promoting complex (APC) - Regulation through
     subunit availability in plant tissues.
     Eloy, Nubia Barbosa; Coppens, Frederik; Beemster, Gerrit T. S.;
AII
```

Hemerly, Adriana Silva; Gomes Ferreira, Paulo Cavalcanti [Reprint

Author]

- CS Inst Pesquisas Jardim Bot Rio De Janeiro, Lab Biol Mol Plantas, Pua Pacheco Leao 915, BR-22460030 Rio De Janeiro, Brazil paulof@bioqmed.ufrj.br
- SO Cell Cycle, (SEP 1 2006) Vol. 5, No. 17, pp. 1957-1965. ISSN: 1538-4101.
- DT Article
- LA English
- ED Entered STN: 1 Nov 2006 Last Updated on STN: 1 Nov 2006
- L10 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2008 ACS on STN
- AN 2004:292100 CAPLUS
- DN 140:282476
- TI Protein and cDNA sequences of a novel Arabidopsis thaliana protein CDC27 and use for inducing changes in plant development
- IN Ferreira, Paulo Cavalcanti Gomes
- PA Cropdesign N.V., Belg.; Universidade Federal Do Rio De Janeiro; Hemerly, Adriana Silva
- SO PCT Int. Appl., 77 pp. CODEN: PIXXD2
- DT Patent
- LA English

FAN.CNT 1

	PATENT NO.					KINI	D	DATE		APPLICATION NO.						DATE				
ΡI	WO 2004029257				A1	_	20040408		WO 2003-EP10087						20030905					
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PRAI	WO	O 2002-EP10265				A 20020905														
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	IN 2005-DN650				АЗ		2005	0905												

- L10 ANSWER 3 OF 3 MEDLINE on STN
- AN 2002610642 MEDLINE
- DN PubMed ID: 12368267
- TI The Arabidopsis HOBBIT gene encodes a CDC27 homolog that links the plant cell cycle to progression of cell differentiation.
- AU Blilou Ikram; Frugier Florian; Folmer Saskia; Serralbo Olivier; Willemsen Viola; Wolkenfelt Harald; Eloy Nubia B; Ferreira Paulo C G; Weisbeek Peter; Scheres Ben

DUPLICATE 1

- CS Department of Molecular Cell Biology, Utrecht University, 3584 CH Utrecht, The Netherlands.
- SO Genes & development, (2002 Oct 1) Vol. 16, No. 19, pp. 2566-75. Journal code: 8711660. ISSN: 0890-9369.

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CY
    United States
DТ
     Journal; Article; (JOURNAL ARTICLE)
     (RESEARCH SUPPORT, NON-U.S. GOV'T)
     English
LA
FS
    Priority Journals
    GENBANK-AJ487669
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     200211
    Entered STN: 8 Oct 2002
ED
     Last Updated on STN: 28 Jan 2003
     Entered Medline: 5 Nov 2002
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     Specialization of CDC27 function in the Arabidopsis thaliana
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     anaphase-promoting complex (APC/C).
L13 ANSWER 2 OF 2
                      MEDLINE on STN
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     Arabidopsis anaphase-promoting complexes: multiple activators and wide
     range of substrates might keep APC perpetually busy.
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     Specialization of CDC27 function in the Arabidopsis thaliana
     anaphase-promoting complex (APC/C).
ΑU
    Perez-Perez Jose M; Serralbo Olivier; Vanstraelen Marleen; Gonzalez
     Cristina; Criqui Marie-Claire; Genschik Pascal; Kondorosi Eva; Scheres Ben
```

```
CS
     Department of Molecular Genetics, Utrecht University, Padualaan 8, 3584
     CH, Utrecht, The Netherlands.
     The Plant journal: for cell and molecular biology, (2008 Jan) Vol. 53,
SO
     No. 1, pp. 78-89. Electronic Publication: 2007-10-17.
     Journal code: 9207397. ISSN: 0960-7412.
CY
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LA
    English
    NONMEDLINE; IN-PROCESS; NONINDEXED; Priority Journals
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     Entered STN: 12 Jan 2008
ED
     Last Updated on STN: 2 Feb 2008
L13 ANSWER 2 OF 2
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    PubMed ID: 15970679
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    Arabidopsis anaphase-promoting complexes: multiple activators and wide
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    range of substrates might keep APC perpetually busy.
ΑU
     Fulop Katalin; Tarayre Sylvie; Kelemen Zsolt; Horvath Gabor; Kevei Zoltan;
     Nikovics Krisztina; Bako Laszlo; Brown Spencer; Kondorosi Adam; Kondorosi
     Eva
CS
     Institut des Sciences du Vegetal, Gif sur Yvette, France.
SO
     Cell cycle (Georgetown, Tex.), (2005 Aug) Vol. 4, No. 8, pp. 1084-92.
     Electronic Publication: 2005-08-18.
     Journal code: 101137841. E-ISSN: 1551-4005.
CY
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    Entered STN: 8 Oct 2005
     Last Updated on STN: 22 Jun 2006
     Entered Medline: 21 Jun 2006
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The previous command name entered was not recognized by the system.
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FULL ESTIMATED COST

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CA INDEXING COPYRIGHT (C) 2008 AMERICAN CHEMICAL SOCIETY (ACS)

FILE COVERS 1971 TO PATENT PUBLICATION DATE: 25 Mar 2008 (20080325/PD)

FILE LAST UPDATED: 25 Mar 2008 (20080325/ED)

HIGHEST GRANTED PATENT NUMBER: US7350238

HIGHEST APPLICATION PUBLICATION NUMBER: US2008072357

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ISSUE CLASS FIELDS (/INCL) CURRENT THROUGH: 25 Mar 2008 (20080325/PD)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2007

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2007

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3 HEMERLY A?/AU

L14 3 L1 AND L2

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L14 ANSWER 1 OF 3 USPATFULL on STN

AN 2006:190578 USPATFULL

TI Plants having changed development and a method for making the same

IN Ferreira, Paulo Cavalcanti Gomes, Rio De Janerio RJ Leblon, BRAZIL

Hemerly, Adrian Silva, Rio De Janerio RJ Leblon, BRAZIL

PA UNIVERSIDADE FEDERAL DO RIO DE JANEIRO, RIO DE JANEIRO, BRAZIL (non-U.S.

corporation)

PI US 2006162023 A1 20060720

AI US 2003-526221 A1 20030905 (10)

WO 2003-EP10087 20030905

20051115 PCT 371 date

PRAI WO 2003-EP10265 20020905

DT Utility

FS APPLICATION

LREP OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT, P.C., 1940 DUKE STREET,

ALEXANDRIA, VA, 22314, US

CLMN Number of Claims: 33

ECL Exemplary Claim: 1

DRWN 11 Drawing Page(s)

LN.CNT 2547

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L14 ANSWER 2 OF 3 USPATFULL on STN

AN 2006:29885 USPATFULL

TI Plant proteins

IN Hemerly, Adriana Silva, Rio De Janeiro, RJ, BRAZIL

Ferreira, Paulo Cavalcanti Gomes, Rio De Janeiro, RJ, BRAZIL

Rombauts, Stephane, Gent, BELGIUM

PA CropDesign N.V., Gent, BELGIUM (non-U.S. corporation)

Universidade Federal do Rio De Janeiro, Rio De Janeiro RJ, BRAZIL (non-U.S. corporation)

PI US 2006026720 A1 20060202

AI US 2005-239325 A1 20050930 (11)

RLI Division of Ser. No. US 2002-36492, filed on 7 Jan 2002, PENDING Continuation of Ser. No. WO 2000-EP6401, filed on 5 Jul 2000, UNKNOWN

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       Plant proteins
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       Hemerly, Adriana Silva, Rio De Janeiro, RJ, BRAZIL
         Ferreira, Paulo Cavalcanti Gomes, Rio De Janeiro, BRAZIL
       Rombauts, Stephane, Gent, BELGIUM
       CropDesign N.V, GENT, BELGIUM, 9052 (non-U.S. corporation)
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       US 2002-36492
                           A1 20020107 (10)
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       EP 1999-202214
                          19990705
DT
       Utility
FS
       APPLICATION
LREP
       MICHAEL BEST & FRIEDRICH, LLP, ONE SOUTH PINCKNEY STREET, P O BOX 1806,
       MADISON, WI, 53701
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L16 ANSWER 1 OF 1 USPATFULL on STN
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ΤN
       Blilou, Ikram, SB Utrecht, NETHERLANDS
       Basten-Folmer, Saskia, Amsterdam, NETHERLANDS
                           A1 20040902
PΙ
       US 2004172686
                           A1 20031128 (10)
       US 2003-416621
ΑI
       WO 2001-EP13116
                               20011113
PRAI
       EP 2000-870271
                           20001113
       US 2000-250402P
                           20001130 (60)
DT
       Utility
FS
       APPLICATION
       Ann R Pokalsky, Dilworth & Barrese, 333 Earle Ovington Boulevard,
LREP
       Uniondale, NY, 11553
       Number of Claims: 57
CLMN
ECL
       Exemplary Claim: 1
DRWN
       22 Drawing Page(s)
LN.CNT 7041
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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L16 ANSWER 1 OF 1 USPATFULL on STN
SUMM . . . an APC-like complex, there is a clear distincion between the
       novel identified HOBBIT and other components of the APC (like
       cdc27A ancd cdc26) already known in the art.
SUMM
       . . . are unique to the protein of the invention when comparing for
       instance in FIG. 8 the amino acid sequences of Cdc27A and
       HBT/Cdc27B. The nucleic acid sequences coding for these unique parts can
       easily be deduced therefrom.
DRWD
       [0331] FIG. 8. Amino acid sequence alignment of Cdc27A and
       HBT/Cdc27B.
DRWD
       [0332] Aligned are the amino acid sequences of Cdc27A (GenBank
       accession number AC001645; protein ID AAB63645.1) and of HBT/Cdc27B2
       from A. thaliana ecotype Columbia (Col-O). The NH.sub.2-terminal part
       of. .
=> d his
     (FILE 'HOME' ENTERED AT 15:45:43 ON 26 MAR 2008)
     FILE 'MEDLINE, AGRICOLA, CABA, CAPLUS, BIOSIS, BIOTECHNO' ENTERED AT
     15:46:09 ON 26 MAR 2008
           2017 S (FERREIRA, P? OR FERREIRA P?)/AU
L1
L2
            132 S (HEMERLY, A? OR HEMERLY A?)/AU
L3
           106 S L1 AND L2
           2043 S L1 OR L2
L4
L5
          1937 S L4 NOT L3
           451 S CDC27 OR CDC27A
L6
              3 S L3 AND L6
L7
L8
              2 DUPLICATE REMOVE L7 (1 DUPLICATE REMOVED)
             7 S L5 AND L6
L9
L10
             3 DUPLICATE REMOVE L9 (4 DUPLICATES REMOVED)
L11
             9 S CDC27A
             7 S L11 NOT L4
L12
              2 DUPLICATE REMOVE L12 (5 DUPLICATES REMOVED)
L13
     FILE 'USPATFULL' ENTERED AT 15:53:42 ON 26 MAR 2008
L14
             3 S L3
L15
             4 S CDC27A
L16
             1 S L15 NOT L14
=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
COST IN U.S. DOLLARS
                                                 SINCE FILE
                                                                TOTAL
                                                      ENTRY
                                                               SESSION
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8.70

39.67

STN INTERNATIONAL LOGOFF AT 15:55:12 ON 26 MAR 2008

FULL ESTIMATED COST